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FAX TRANSMISSION**DATE:** October 28, 2005**PTO IDENTIFIER:** Application Number 10/662172-Conf. #1530
Patent Number**Inventor:** Haw-Jye Shyu**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** US NAVAL RESEARCH LABORATORY

Sally A. Ferrett

PHONE: (202) 404-1551**Attorney Dkt. #:** 95756US1**PAGES (Including Cover Sheet):** 29**CONTENTS:** Amendment in Response to Non-Final Office Action (6 pages)
Amendment Transmittal (1 page)
Certificate of Transmission (1 page)
Copy of reference requested by Examiner: GRAMANN; ABF Algorithms Implemented at
ARL:UT; ARL-TR-92-7; U. of Texas Appl. Res. Lab., May 1992 (20 pages)

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PTO/SB/97 (09-04)

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Application No. (if known): 10/662172

Attorney Docket No.: 95756US1

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on October 28, 2005
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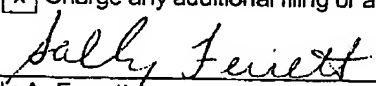
Amendment in Response to Non-Final Office Action (6 pages)

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|--|---|---|-----------------------------------|--------------------------------|------|
| AMENDMENT TRANSMITTAL LETTER | | | | Docket No. 95756US1 | |
| Application No. 10/662172-Conf. #1530 | | Filing Date September 10, 2003 | | Examiner S. D. Patel | |
| | | | | Art Unit 2621 | |
| Applicant(s): Haw-Jye Shyu | | | | | |
| Invention: Composite Hough transform for multitarget multisensor tracking | | | | | |
| TO THE COMMISSIONER FOR PATENTS | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
| Total Claims | 9 | - 20 = | | x | |
| Independent Claims | 3 | - 3 = | | x | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | |
| Other fee (please specify): | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | | | | | 0.00 |
| <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment. | | | | | |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed. | | | | | |
| <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed. | | | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>50-0281</u> as described below. A duplicate copy of this sheet is enclosed. | | | | | |
| <input checked="" type="checkbox"/> Credit any overpayment. | | | | | |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. | | | | | |
|  Sally A. Ferrett Attorney Reg. No.: 46,325 | | | | Dated: <u>October 28, 2005</u> | |
| US NAVAL RESEARCH LABORATORY 4555 Overlook Ave, SW Washington, DC 20375 (202) 404-1551 | | | | | |

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OCT 28 2005

Docket No.: 95756US1
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
Haw-Jye Shyu

Application No.: 10/662172

Confirmation No.: 1530

Filed: September 10, 2003

Art Unit: 2621

For: Composite Hough transform for multitarget
multisensor tracking

Examiner: S. D. Patel

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTIONMS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 30, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An Attachment follows page 6 of this paper and includes a copy of a document requested by the Examiner.